

100

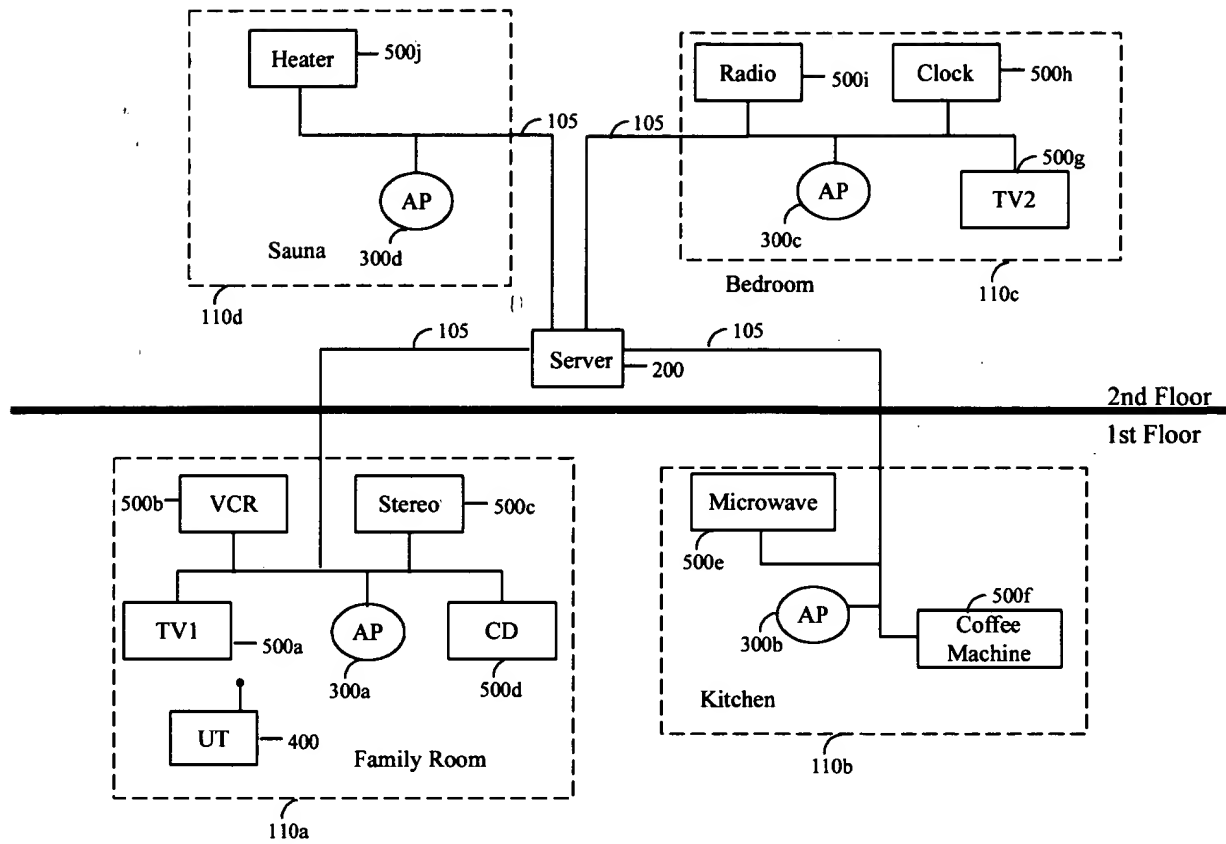


FIG. 1

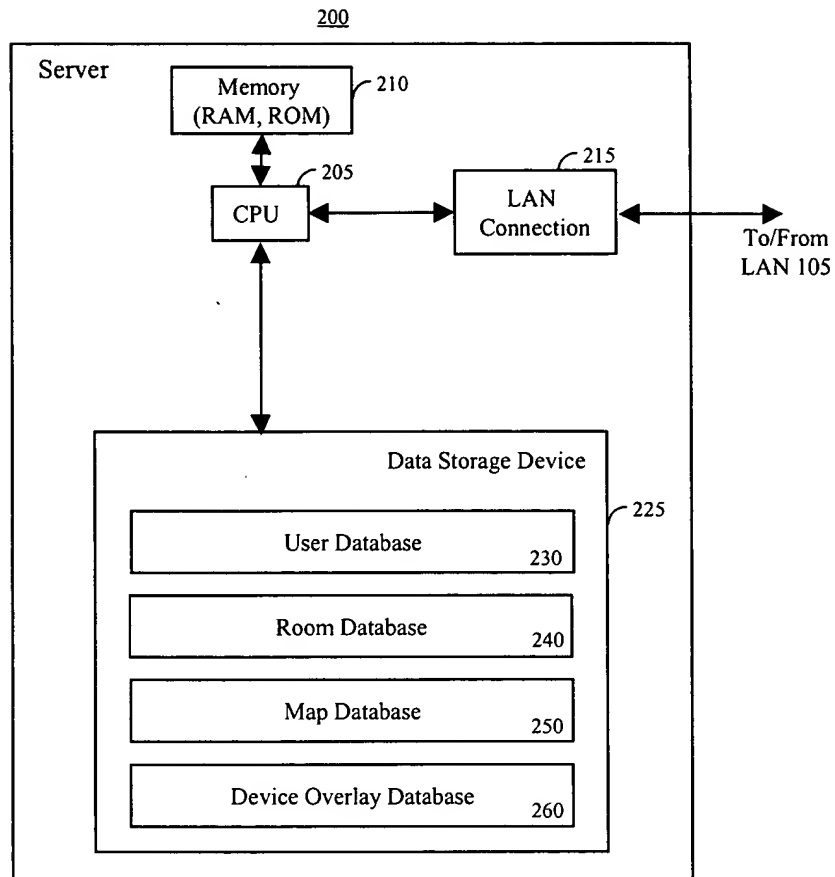


FIG. 2

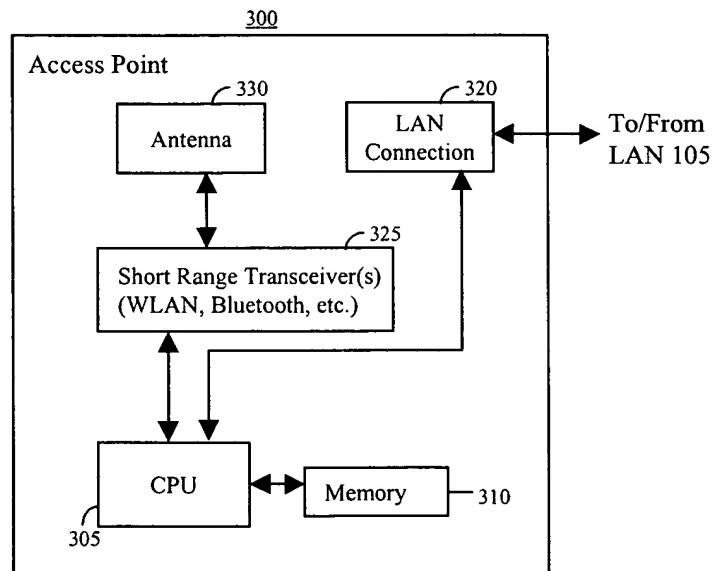


FIG. 3

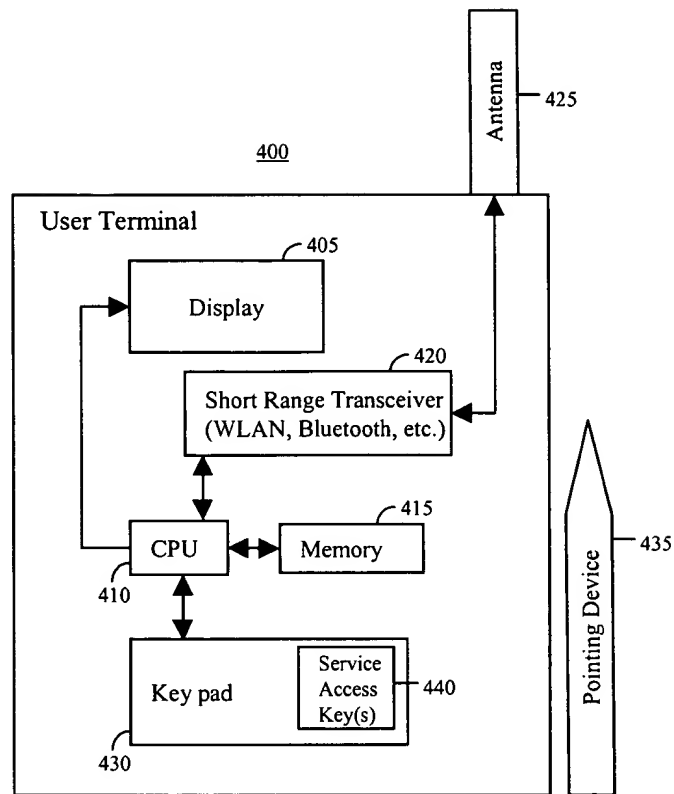


FIG. 4

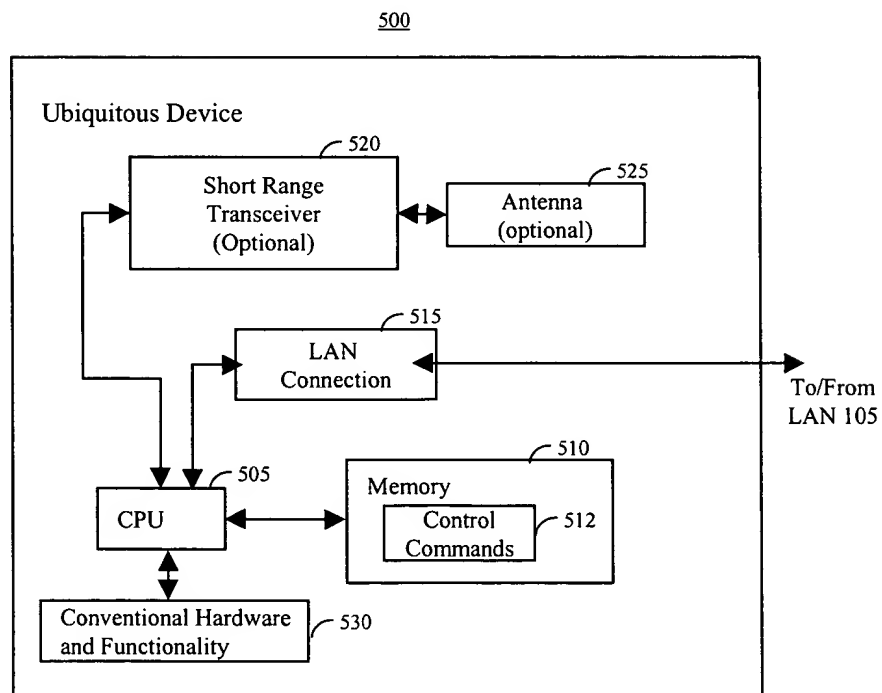


FIG. 5

User Database 230

User Name <u>605</u>	UID # <u>610</u>	Accessible Devices <u>615</u>
A	11529	TV1, VCR, Stereo, CD
B	24365	TV1
⋮	⋮	⋮

FIG. 6

Room Database 240

Access Point ID <u>705</u>	Map Name <u>710</u>	Ubiquitous Device Overlay <u>715</u>	Floor <u>720</u>
1234	Familyroom.bmp	Familyroom.ubi.devices	1
2341	Kitchen.bmp	Kitchen.ubi.devices	1
⋮	⋮	⋮	⋮
3524	Bedroom.bmp	Bedroom.ubi.devices	2
5214	Sauna.bmp	Sauna.ubi.devices	2

FIG. 7

FIG. 8: 5640660

Map Database 250

Map Name <u>805</u>	Map Coordinates <u>810</u>	Symbols <u>815</u>	Labels <u>820</u>
Familyroom.bmp	X _{MIN} , X _{MAX} , Y _{MIN} , Y _{MAX}	bitmap	text
Kitchen.bmp	X _{MIN} , X _{MAX} , X _{MIN} , X _{MAX}	bitmap	text
⋮	⋮	⋮	⋮

FIG. 8

Ubiquitous Device Overlay Database 260

Familyroom.ubi.devices					
Device Name <u>905</u>	Icon Information <u>910</u>	Device Coordinates <u>915</u>	Address <u>920</u>	Control Panel Information <u>925</u>	UIDs of Authorized Users <u>930</u>
TV1	Data	X, Y	123.456.789	Data	11529; 24365
VCR	Data	X, Y	243.621.599	Data	11529
⋮	⋮	⋮	⋮	⋮	⋮

FIG. 9

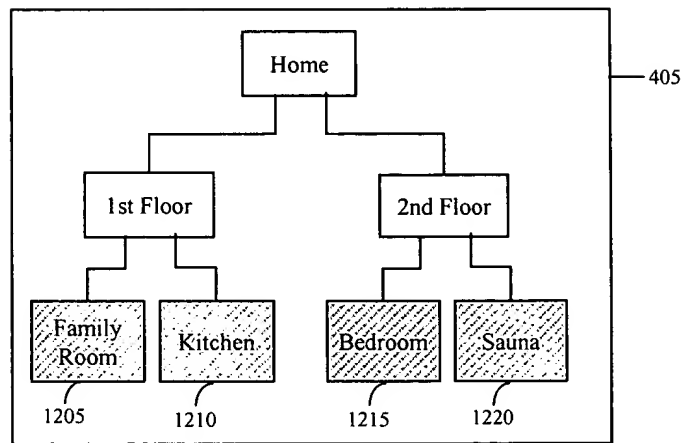
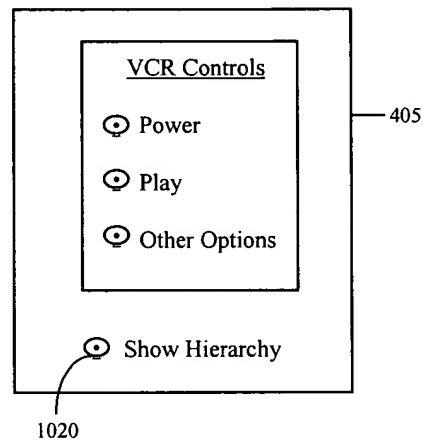
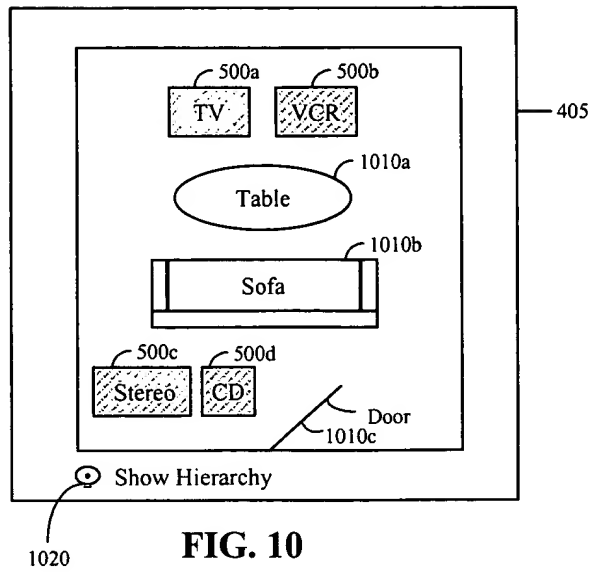


FIG. 13

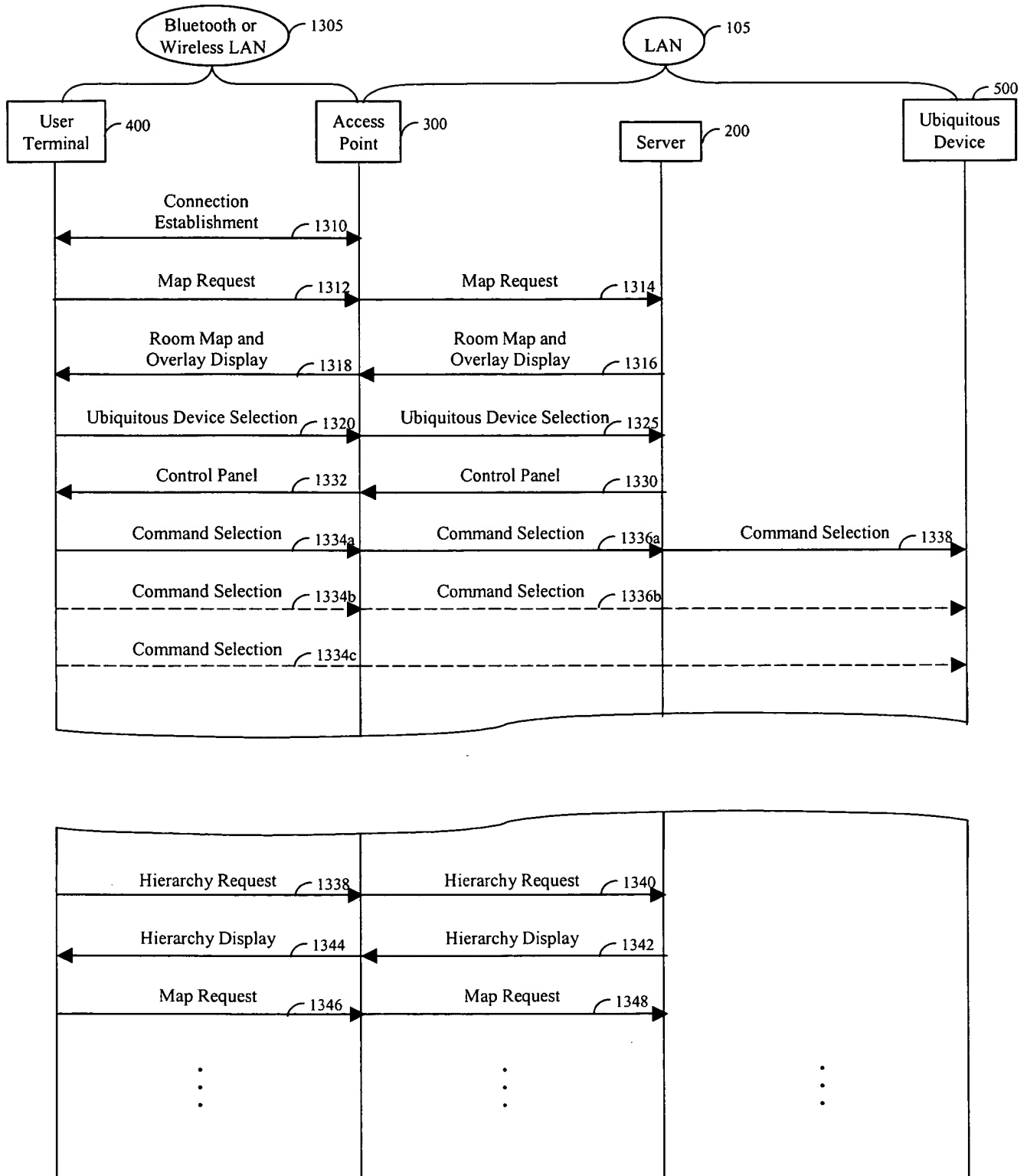


FIG. 13